

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(communication adapter) same network same ((control) with (home with appliance)) and @ay<"2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:43
L2	6	(communication adapter) same (first near3 interface) same (second near3 interface) same network	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:43
L3	0	(communication adapter) same (first near3 interface) same (second near3 interface) same appliance	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:52
L4	0	(communication near1 adapter) same (first near3 interface) same (second near3 interface) same appliance	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:52
L5	1	(communication near1 adapter) same (second near3 interface) same appliance	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:52
L6	0	("2006/0168236").URPN.	USPAT	ADJ	ON	2009/12/14 11:52
L7	91	home near1 appliance with (network or communication) near1 interfacs3	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:53
L8	12225	709/227,229,250.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:53
L9	100	709/227,229,250.ccls. and (communication adapter) with network with interfacs3	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:54
L10	3	(mitsubishi denki kabushiki kaisha).as. and (power with manag\$5 same appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 11:54

L11	19	(US-20020072391-\$ or US-20060142900-\$ or US-20030233201-\$ or US-20030088796-\$ or US-20040088590-\$ or US-20030210658-\$ or US-20030179746-\$ or US-20030107476-\$ or US-20030100962-\$ or US-20030097452-\$ or US-20020196158-\$).did. or (US-6728804-\$ or US-6906617-\$ or US-5544036-\$ or US-7032018-\$ or US-5570085-\$ or US-6880076-\$ or US-6437685-\$ or US-6567007-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/12/14 11:59
L12	3	!11 and (permit\$4 or prohibit\$3 or allow\$3 or block\$3) with (access)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 12:02
L13	3446	interface with (permit\$4 or prohibit\$4) near3 access	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 14:02
L14	787	interface with (firewall or filter\$3) near3 access	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 14:14
L15	0	interface with (firewall or filter\$3) near3 access same home near1 appliance	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 14:14
L16	2	interface with (firewall or filter\$3) near3 access same home near1 appliance	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 14:14
L17	5	"540497".ap.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 14:31
L19	14	(communication near1 adapter) with (filter\$3 or firewall or block\$3) near5 (access\$3)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:03
L20	38	(network near1 adapter) with (filter\$3 or firewall or block\$3) near5 (access\$3)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:04
L21	522	(communication near1 adapter) with (filter\$3 or firewall or block\$3)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:06

L22	79	(communication near1 adapter) with (filter\$3 or firewall or block\$3).ab.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:06
L23	3	l11 and voltage	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:22
L24	64	select\$3 near3 (driver or software) with (clock near5 response)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:52
L25	19	(US-20020072391-\$ or US-20060142900-\$ or US-20030233201-\$ or US-20030088796-\$ or US-20040088590-\$ or US-20030210658-\$ or US-20030179746-\$ or US-20030107476-\$ or US-20030100962-\$ or US-20030097452-\$ or US-20020196158-\$).did. or (US-6728804-\$ or US-6906617-\$ or US-5544036-\$ or US-7032018-\$ or US-5570085-\$ or US-6880076-\$ or US-6437685-\$ or US-6567007-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/12/14 15:54
L26	8	l25 and clock	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/14 15:54
S1	3	"529869".ap.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/08/07 09:09
S2	9404	709/227,229,250.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:02
S3	204	709/227,229,250.ccls. and (communication adapter)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:02
S4	182	709/227,229,250.ccls. and (communication adapter) and @ay<"2003"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:09
S5	158	709/227,229,250.ccls. and (communication adapter) same network	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:10

S6	2	JP-09018974-\$.did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/02/02 17:36
S7	6119	(communication adapter) same network	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:39
S8	1669	(communication adapter) same network same (control)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:40
S9	81	(communication adapter) same network same (control) same (object or apparatus or appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:40
S10	62	(communication adapter) same network same (control) same (object or apparatus or appliance) and @ay<"2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:41
S11	1135	(communication adapter) same network same (control) same (object or apparatus or appliance or device) and @ay<"2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:42
S12	467	(communication adapter) same network same ((control) with (object or apparatus or appliance or device)) and @ay<"2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:42
S13	57	(communication adapter) same network same ((control) with (object or apparatus or appliance or device)) and @ay<"2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/02 17:43
S14	467	(communication adapter) same network same (control) with (object or apparatus or appliance or device) and @ay<"2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:17
S15	36	(communication adapter) same network same (control) with (object or apparatus or appliance) and @ay<"2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:17
S16	62	(communication adapter) same network same (control) same (object or apparatus or appliance) and @ay<"2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:17

S17	57	((communication adapter) same network same ((control) with (object or apparatus or appliance or device)) and @ay< "2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:17
S18	53	S17 not S16	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:17
S19	1	((communication adapter) same network same ((control) with (home with appliance)) and @ay< "2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:18
S20	2	((communication adapter) same network same ((control) with (appliance)) and @ay< "2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:18
S21	467	((communication adapter) same network same ((control) with (object or apparatus or appliance or device)) and @ay< "2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:20
S22	257	((communication adapter) same network with ((control\$4) with (object or apparatus or appliance or device)) and @ay< "2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:20
S23	122	((communication adapter) with network with ((control \$4) with (object or apparatus or appliance or device)) and @ay< "2004"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 08:20
S24	15	("5544036"   "5608655"   "5640153"   "5787288"   "5822692"   "5854984"   "5883886"   "5896512"   "5937198"   "5983074"   "6028506"   "6058104"   "6065880"   "6131040"   "6363423").PN. OR ("6728804").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/02/04 08:25
S25	1485	((home with (management or automation)).ti.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 08:34

S26	1141	(home near3 (management or automation)).ti.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 08:35
S27	710	(home near3 (management or automation)).ti. and @ay< "2003"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 08:35
S28	28	(home near3 (management or automation) with appliance).ti. and @ay< "2003"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 08:35
S29	6	(US-20020072391-\$).did. or (US-6728804-\$).did. or (US-6678737-\$ or US-20030182412-\$ or US-20030056012-\$ or WO-200241585-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	OFF	2008/02/04 08:51
S30	1	S29 and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 08:52
S31	3	"6906617".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 08:52
S32	4	"529869".ap.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 09:09
S33	10	S24 and object	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 09:42
S34	11	(communication adapter) same network with ((control\$4) with (object or apparatus or appliance or device)) and @ay< "2004" and (generat \$3 near3 object)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 09:44
S35	29	(generat\$3 near3 imaginary near3 object)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 09:50
S36	8	(generat\$3 near3 imaginary near3 object) and @ay< "2003"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/02/04 09:50

S37	8	(US-20020072391-\$).did. or (US-6728804-\$ or US- 6906617-\$ or US-7111242- \$).did. or (US-6678737-\$ or US-20030182412-\$ or US-20030056012-\$ or US- 5570085-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	OFF	2008/02/04 10:33
S38	1	S37 and clock	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:33
S39	0	(home near3 (management or automation) with appliance).ti. and @ay< "2003" and clock	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:33
S40	12	(home near3 (management or automation)).ti. and @ay< "2003" and clock signal	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:34
S41	1	(home near3 (management or automation)).ti. and @ay< "2003" and (appliance near3 clock)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:38
S42	2	(home near3 (management or automation)).ti. and @ay< "2003" and (appliance near5 clock)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:39
S43	3	(home near3 (management or automation)).ti. and @ay< "2003" and (appliance with clock)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:39
S44	0	(home near3 (management or automation)).ti. and @ay< "2003" and (appliance with (synchronous or asynchronous))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:40
S45	0	(home near3 (management or automation)).ti. and @ay< "2003" and (appliance with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:40

S46	0	((home with (management or automation)).ti. and @ay< "2003" and (appliance with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:40
S47	0	((home or house) with (management or automation)).ti. and @ay< "2003" and (appliance with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:40
S48	37	((management or automation)).ti. and @ay< "2003" and (appliance with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:40
S49	231	@ay< "2003" and (appliance with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:41
S50	4	@ay< "2003" and ((home near2 appliance) with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:42
S51	4	@ay< "2003" and ((home near5 appliance) with (synchronous or asynchronous or clock signal))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:42
S52	1929	@ay< "2003" and (home appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:46
S53	2	@ay< "2003" and (home appliance) same network same (synchronous or asynchronous or clock signal)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 10:46
S54	4	"5570085".pn. or "7032018".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/02/04 11:08



S55	156	709/227,229,250.cls. and (communication adapter) with network	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 09:11
S56	8	(generat\$3 near3 imaginary near3 object) and @ay< "2003"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 09:14
S57	11	(communication adapter) same network with ((control\$4) with (object or apparatus or appliance or device)) and @ay< "2004" and (generat\$3 near3 object)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 09:15
S58	57	(communication adapter) same network same ((control) with (object or apparatus or appliance or device)) and @ay< "2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 09:15
S59	2	709/227,229,250.cls. and ((communication adapter) with network) same (power)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 09:15
S60	58	communication near3 adapter same power with manag\$5	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 10:46
S61	17	communication near3 adapter same power with supply with manag\$5	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/08/15 10:46
S62	2135	(voltage or current) near3 (data or reading or information) with (distinguish or identif\$3) with (device or system)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/08/15 11:55
S63	198	(voltage or current) near3 (data or reading or information) with (distinguish or identif\$3) with (device or system) and "709".clas.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/08/15 11:56
S64	5	(voltage) near3 (data or reading or information) with (distinguish or identif\$3) with (device or system) and "709".clas.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/08/15 11:56

S65	160	(voltage) near3 (data or reading or information) with (distinguish or identif \$3) with (device or system)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/08/15 11:59
S66	10882	709/227,229,250.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:53
S67	17	communication near3 adapter same power with supply with manag\$5	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:53
S68	399054	(mitsubishi).as.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:54
S69	98014	(mitsubishi denki).as.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:54
S70	25561	(mitsubishi denki kabushiki).as.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:54
S71	25469	(mitsubishi denki kabushiki kaisha).as.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:54
S72	111	(mitsubishi denki kabushiki kaisha).as. and (power with manag\$5)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:55
S73	3	(mitsubishi denki kabushiki kaisha).as. and (power with manag\$5 same appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 14:56
S74	0	("2006/0168236").URPN.	USPAT	ADJ	ON	2009/02/03 14:56
S75	6	(voltage) near3 (data or reading or information) with (distinguish or identif \$3) with (device or system) and "709".ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2009/02/03 15:11
S76	3	(voltage) near3 (data or reading or information) with (distinguish or identif \$3) with (appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2009/02/03 15:38
S77	2	(voltage) near2 (data or reading or information) with (distinguish or identif \$5) with (appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2009/02/03 15:40

S78	8	(us\$3 with voltage with information with identify with device)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2009/02/03 15:42
S79	1	(communication adapter) same network same ((control) with (home with appliance)) and @ay< "2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/02/03 15:56
S80	1261	(home near3 (management or automation)).ti.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2009/02/03 15:56
S81	27	(home near3 (management or automation)).ti. and (power near3 manag\$5)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2009/02/03 15:57
S82	11631	709/227,229,250.cds.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:19
S83	3	(mitsubishi denki kabushiki kaisha).as. and (power with manag\$5 same appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:19
S84	32	(home near3 (management or automation)).ti. and (power near3 manag\$5)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:20
S85	26	(manag\$5) with (power) with communication near1 adapter	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:43
S86	58	(communication adapter) same network same ((control) with (object or apparatus or appliance or device)) and @ay< "2004" and power supply	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:50
S87	7	(voltage) near3 (data or reading or information) with (distinguish or identif \$3) with (device or system) and "709".clas.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:51
S88	238	(voltage) near3 (data or reading or information) with (distinguish or identif \$3) with (device or system)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:51

S89	125	(voltage) near1 (data or reading or information) with (distinguish or identifi\$3 or identification) with (device or system or appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:52
S90	1254	(voltage) near1 (data or reading or information) with (distinguish or identifi\$3 or identification or select\$3) with (device or system or appliance)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:52
S91	127	(voltage) near1 (data or reading or information) with (distinguish or identifi\$3 or identification or select\$3) with (device or system or appliance) with based	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/05 14:52
S92	3	"1".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/06 10:25
S93	2	"0000001".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/06 10:25
S94	582	(manag\$5) with (power) with network near1 interface	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/06 11:22
S95	363	(manag\$5) near2 (power) with network near1 interface	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/06 11:22
S96	224	((manag\$5) near2 (power)) near5 (network near1 interface)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/06 11:22
S97	44	((manag\$5) near2 (power)) near5 (network near1 interface) with (state or voltage)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/06 11:22

**EAST Search History (Interference)**

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